

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1119	704/233,208.ccls.	US-PGPUB; USPAT	OR	OFF	2008/12/18 23:22
L2	64	704/233,208.ccls. and wide\$4band\$4	US-PGPUB; USPAT	OR	OFF	2008/12/18 23:23
L3	246	(yang and gao).in.	US-PGPUB; USPAT	OR	OFF	2008/12/18 23:24
L4	95	(yang and gao).in. and "704"/\$.ccls.	US-PGPUB; USPAT	OR	OFF	2008/12/18 23:24
L5	1	"20040181399".did.	US-PGPUB; USPAT	OR	OFF	2008/12/18 23:46
L6	1	"20040181399".did. and khz\$4	US-PGPUB; USPAT	OR	OFF	2008/12/18 23:46
L7	1	"20040181399".did. and adaptiv\$4	US-PGPUB; USPAT	OR	OFF	2008/12/18 23:47
S1	16621	(speech\$4 voic\$4) with encod\$4	US-PGPUB; USPAT	OR	OFF	2007/08/21 16:47
S2	1084	(speech\$4 voic\$4) with encod\$4 same ((CELP) or (cod\$4 near3 excit \$4 near linear\$4 near predict\$4))	US-PGPUB; USPAT	OR	OFF	2007/08/21 16:48
S3	956	(speech\$4 voic\$4) with encod\$4 same ((CELP) or (cod\$4 near3 excit \$4 near linear\$4 near predict\$4)) and fram\$4	US-PGPUB; USPAT	OR	OFF	2007/08/21 16:48
S4	833	(speech\$4 voic\$4) with encod\$4 same ((CELP) or (cod\$4 near3 excit \$4 near linear\$4 near predict\$4)) and (speech \$4 voic\$4) with fram\$4	US-PGPUB; USPAT	OR	OFF	2007/08/21 16:50
S5	659	(speech\$4 voic\$4) with encod\$4 same ((CELP) or (cod\$4 near3 excit \$4 near linear\$4 near predict\$4)) and (speech \$4 voic\$4) with fram\$4 and (synthe\$7)	US-PGPUB; USPAT	OR	OFF	2007/08/21 16:50

S6	366	(speech\$4 voic\$4) with encod\$4 same ((CELP) or (cod\$4 near3 excit\$4 near linear\$4 near predict\$4)) and (speech\$4 voic\$4) with fram\$4 and (synthe\$7) and cod\$4 near3 parameter\$4	US-PGPUB; USPAT	OR	OFF	2007/08/21 16:51
S7	64	(speech\$4 voic\$4) with encod\$4 same ((CELP) or (cod\$4 near3 excit\$4 near linear\$4 near predict\$4)) and (speech\$4 voic\$4) with fram\$4 and (synthe\$7) and cod\$4 near3 parameter\$4 and (voic\$4 speech\$4) near3 index\$5	US-PGPUB; USPAT	OR	OFF	2007/08/21 16:51
S8	15	(speech\$4 voic\$4) with encod\$4 same ((CELP) or (cod\$4 near3 excit\$4 near linear\$4 near predict\$4)) and (speech\$4 voic\$4) with fram\$4 and (synthe\$7) and cod\$4 near3 parameter\$4 and (voic\$4 speech\$4) near3 index\$5 and high\$4pass\$4 near filter\$4	US-PGPUB; USPAT	OR	OFF	2007/08/21 16:52
S9	14	(speech\$4 voic\$4) with encod\$4 same ((CELP) or (cod\$4 near3 excit\$4 near linear\$4 near predict\$4)) and (speech\$4 voic\$4) with fram\$4 and (synthe\$7) and cod\$4 near3 parameter\$4 and (voic\$4 speech\$4) near3 index\$5 and high\$4pass\$4 near filter\$4 and weigh\$6 with filter\$4	US-PGPUB; USPAT	OR	OFF	2007/08/21 16:54
S10	443	sinc\$4 near3 window\$4	US-PGPUB; USPAT	OR	OFF	2007/08/21 16:54

S11	6	(speech\$4 voic\$4) with encod\$4 same ((CELP) or (cod\$4 near3 excit\$4 near linear\$4 near predict\$4)) and (speech\$4 voic\$4) with fram\$4 and (synthe\$7) and cod\$4 near3 parameter\$4 and (voic\$4 speech\$4) near3 index\$5 and high\$4pass\$4 near filter\$4 and weigh\$6 with filter\$4 and sinc\$4 near3 window\$4	US-PGPUB; USPAT	OR	OFF	2007/08/21 16:56
S12	1	(speech\$4 voic\$4) with encod\$4 same ((CELP) or (cod\$4 near3 excit\$4 near linear\$4 near predict\$4)) and (speech\$4 voic\$4) with fram\$4 and (synthe\$7) and cod\$4 near3 parameter\$4 and (voic\$4 speech\$4) near3 index\$5 and high\$4pass\$4 near filter\$4 and weigh\$6 with filter\$4 and sinc\$4 near3 window\$4 and (spectr\$6 ceptr\$4) near tilt\$4	US-PGPUB; USPAT	OR	OFF	2007/08/21 16:57
S13	15	high\$4pass\$4 near filter\$4 and weigh\$6 with filter\$4 and sinc\$4 near3 window\$4 and (spectr\$6 ceptr\$4) near tilt\$4	US-PGPUB; USPAT	OR	OFF	2007/08/21 17:07
S14	2	high\$4pass\$4 near filter\$4 near tilt\$4	US-PGPUB; USPAT	OR	OFF	2007/08/21 17:07
S15	18110	high\$4pass\$4 near filter\$4	US-PGPUB; USPAT	OR	OFF	2007/08/21 17:07
S16	1524	high\$4pass\$4 near filter\$4 and weigh\$6 with filter\$4	US-PGPUB; USPAT	OR	OFF	2007/08/21 17:08
S17	45	high\$4pass\$4 near filter\$4 and weigh\$6 with filter\$4 and sinc\$4 near3 window\$4	US-PGPUB; USPAT	OR	OFF	2007/08/21 17:08

S18	43	high\$4pass\$4 near filter\$4 and weigh\$6 with filter\$4 and sinc\$4 near3 window\$4 and (spectr\$6 ceptr\$4)	US-PGPUB; USPAT	OR	OFF	2007/08/21 17:08
S19	17	high\$4pass\$4 near filter\$4 and weigh\$6 with filter\$4 and sinc\$4 near3 window\$4 and (spectr\$6 ceptr\$4) near3 tilt\$	US-PGPUB; USPAT	OR	OFF	2007/08/21 17:09
S20	17	high\$4pass\$4 near filter\$4 and weigh\$6 with filter\$4 and sinc\$4 near3 window\$4 and (spectr\$6 ceptr\$4) near3 tilt\$4	US-PGPUB; USPAT	OR	OFF	2007/08/21 17:09
S21	3	(adaptiv\$4 perceptual \$4) near3 high\$4pass\$4 near filter\$4 and weigh\$6 with filter\$4 and sinc\$4 near3 window\$4	US-PGPUB; USPAT	OR	OFF	2007/08/21 17:10
S22	3	(adaptiv\$4 perceptual \$4) near3 high\$4pass\$4 near filter\$4 and weigh\$6 with filter\$4 and sinc\$4 near3 window\$4 and linear\$4 near predict\$6	US-PGPUB; USPAT	OR	OFF	2007/08/21 17:11
S23	3	(adaptiv\$4 perceptual \$4) near3 high\$4pass\$4 near filter\$4 and weigh\$6 with filter\$4 and sinc\$4 near3 window\$4 and linear\$4 near predict\$6 and pitch\$5	US-PGPUB; USPAT	OR	OFF	2007/08/21 17:11
S24	3	(adaptiv\$4 perceptual \$4) near3 high\$4pass\$4 near filter\$4 and weigh\$6 with filter\$4 and sinc\$4 near3 window\$4 and linear\$4 near predict\$6 and pitch\$5 near4 enhanc\$7	US-PGPUB; USPAT	OR	OFF	2007/08/21 17:12

S25	3	(adaptiv\$4 perceptual \$4) near3 high\$4pass \$4 near filter\$4 and weigh\$6 with filter\$4 and sinc\$4 near3 window\$4 and linear\$4 near predict\$6 and pitch\$5 near4 enhanc \$7 and code\$4book\$4	US-PGPUB; USPAT	OR	OFF	2007/08/21 17:12
S26	3	(adaptiv\$4 perceptual \$4) near3 high\$4pass \$4 near filter\$4 and weigh\$6 with filter\$4 and sinc\$4 near3 window\$4 and linear\$4 near predict\$6 and pitch\$5 near4 enhanc \$7 and code\$4book\$4 near4 fix\$4	US-PGPUB; USPAT	OR	OFF	2007/08/21 17:13
S27	3	(adaptiv\$4 perceptual \$4) near3 high\$4pass \$4 near filter\$4 and weigh\$6 with filter\$4 and sinc\$4 near3 window\$4 and linear\$4 near predict\$6 and pitch\$5 near4 enhanc \$7 and code\$4book\$4 near4 fix\$4 and post\$4 near pitch\$4	US-PGPUB; USPAT	OR	OFF	2007/08/21 17:14
S28	3	(adaptiv\$4 perceptual \$4) near3 high\$4pass \$4 near filter\$4 and weigh\$6 with filter\$4 and sinc\$4 near3 window\$4 and linear\$4 near predict\$6 and pitch\$5 near4 enhanc \$7 and code\$4book\$4 near4 fix\$4 and post\$4 near pitch\$4 and bit\$4	US-PGPUB; USPAT	OR	OFF	2007/08/21 17:15

S29	3	(adaptiv\$4 perceptual \$4) near3 high\$4pass \$4 near filter\$4 and weigh\$6 with filter\$4 and sinc\$4 near3 window\$4 and linear\$4 near predict\$6 and pitch\$5 near4 enhanc \$7 and code\$4book\$4 near4 fix\$4 and post\$4 near pitch\$4 and bit\$4 and nois\$5	US-PGPUB; USPAT	OR	OFF	2007/08/21 17:17
S30	1	(adaptiv\$4 perceptual \$4) near3 high\$4pass \$4 near filter\$4 and weigh\$6 with filter\$4 and sinc\$4 near3 window\$4 and linear\$4 near predict\$6 and pitch\$5 near4 enhanc \$7 and code\$4book\$4 near4 fix\$4 and post\$4 near pitch\$4 and bit\$4 and nois\$5 with (speech \$4 voic\$4)	US-PGPUB; USPAT	OR	OFF	2007/08/21 17:16
S32	1	(adaptiv\$4 perceptual \$4) near3 high\$4pass \$4 near filter\$4 and weigh\$6 with filter\$4 and sinc\$4 near3 window\$4 and linear\$4 near predict\$6 and pitch\$5 near4 enhanc \$7 and code\$4book\$4 near4 fix\$4 and post\$4 near pitch\$4 and bit\$4 and nois\$5 and periodic \$4 near3 index\$4	US-PGPUB; USPAT	OR	OFF	2007/08/21 17:17
S33	3	(adaptiv\$4 perceptual \$4) near3 high\$4pass \$4 near filter\$4 and weigh\$6 with filter\$4 and sinc\$4 near3 window\$4 and linear\$4 near predict\$6 and pitch\$5 near4 enhanc \$7 and code\$4book\$4 near4 fix\$4 and post\$4 near pitch\$4 and bit\$4 and nois\$5 and periodic \$4	US-PGPUB; USPAT	OR	OFF	2007/08/21 20:06

S34	1	voic\$5 near3 index\$4 and adaptiv\$4 near Sinc \$4 near3 window\$4	US-PGPUB; USPAT	OR	OFF	2007/08/22 07:11
S35	1	adaptiv\$4 near Sinc\$4 near3 window\$4	US-PGPUB; USPAT	OR	OFF	2007/08/22 07:11
S36	2	voic\$5 near3 index\$4 and Sinc\$4 near3 window\$4	US-PGPUB; USPAT	OR	OFF	2007/08/22 07:12
S37	351	index\$4 and Sinc\$4 near3 window\$4	US-PGPUB; USPAT	OR	OFF	2007/08/22 07:12
S38	8	(voic\$4 speech\$4) near3 index\$4 and Sinc \$4 near3 window\$4	US-PGPUB; USPAT	OR	OFF	2007/08/22 07:16
S39	1	(encod\$4 and decod \$4) same Sinc\$4 near3 window\$4	US-PGPUB; USPAT	OR	OFF	2007/08/22 07:16
S40	238	(encod\$4 and decod \$4) and Sinc\$4 near3 window\$4	US-PGPUB; USPAT	OR	OFF	2007/08/22 07:16
S41	362	(encod\$4 decod\$4) and Sinc\$4 near3 window\$4	US-PGPUB; USPAT	OR	OFF	2007/08/22 07:17
S42	4	(encod\$4 decod\$4) same Sinc\$4 near3 window\$4	US-PGPUB; USPAT	OR	OFF	2007/08/22 07:18
S43	0	(spectr\$4 cepstr\$4) near3 tilt\$4 and Sinc\$4 near3 window\$4	US-PGPUB; USPAT	OR	OFF	2007/08/22 07:18
S44	19	(spectr\$4 cepstr\$4) near3 tilt\$4 and Sinc\$4 near3 window\$4	US-PGPUB; USPAT	OR	OFF	2007/08/22 07:31
S45	2746	(CELP\$4 or (cod\$4 near excit\$4 near linear \$4 near predict\$5))	US-PGPUB; USPAT	OR	OFF	2007/08/22 07:22
S46	239	(CELP\$4 or (cod\$4 near excit\$4 near linear \$4 near predict\$5)) and (voic\$5 speech\$4) near3 index\$4	US-PGPUB; USPAT	OR	OFF	2007/08/22 07:22
S47	221	(CELP\$4 or (cod\$4 near excit\$4 near linear \$4 near predict\$5)) and (voic\$5 speech\$4) near3 index\$4 and synthe\$7	US-PGPUB; USPAT	OR	OFF	2007/08/22 07:24

S48	216	(CELP\$4 or (cod\$4 near excit\$4 near linear \$4 near predict\$5)) and (voic\$5 speech\$4) near3 index\$4 and synthe\$7 and (speech \$4 voic\$4) near3 signal \$4	US-PGPUB; USPAT	OR	OFF	2007/08/22 07:25
S49	148	(CELP\$4 or (cod\$4 near excit\$4 near linear \$4 near predict\$5)) same synthe\$9 and (voic\$5 speech\$4) near3 index\$4 and synthe\$7 and (speech \$4 voic\$4) near3 signal \$4	US-PGPUB; USPAT	OR	OFF	2007/08/22 07:25
S50	131	(CELP\$4 or (cod\$4 near excit\$4 near linear \$4 near predict\$5)) same synthe\$9 and (voic\$5 speech\$4) near3 index\$4 and synthe\$7 and (speech \$4 voic\$4) near3 signal \$4 and (speech\$4 voic \$4) near3 fram\$6	US-PGPUB; USPAT	OR	OFF	2007/08/22 07:28
S51	124	(CELP\$4 or (cod\$4 near excit\$4 near linear \$4 near predict\$5)) same synthe\$9 and (voic\$5 speech\$4) near3 index\$4 and synthe\$7 and (speech \$4 voic\$4) near3 signal \$4 and (speech\$4 voic \$4) near3 fram\$6 not mindspeed\$4	US-PGPUB; USPAT	OR	OFF	2007/08/22 07:27
S52	121	(CELP\$4 or (cod\$4 near excit\$4 near linear \$4 near predict\$5)) same synthe\$9 and (voic\$5 speech\$4) near3 index\$4 and synthe\$7 and (speech \$4 voic\$4) near3 signal \$4 and (speech\$4 voic \$4) near3 fram\$6 not mindspeed\$4 not conexant\$4	US-PGPUB; USPAT	OR	OFF	2007/08/22 07:27



S53	2	(CELP\$4 or (cod\$4 near excit\$4 near linear \$4 near predict\$5)) same synthe\$9 and (voic\$5 speech\$4) near3 index\$4 and synthe\$7 and (speech \$4 voic\$4) near3 signal \$4 and (speech\$4 voic \$4) near3 fram\$6 and adaptiv\$4 near3 high \$5pass\$5 near3 filter\$4	US-PGPUB; USPAT	OR	OFF	2007/08/22 07:29
S54	38	(CELP\$4 or (cod\$4 near excit\$4 near linear \$4 near predict\$5)) same synthe\$9 and (voic\$5 speech\$4) near3 index\$4 and synthe\$7 and (speech \$4 voic\$4) near3 signal \$4 and (speech\$4 voic \$4) near3 fram\$6 and high\$5pass\$5 near3 filter\$4	US-PGPUB; USPAT	OR	OFF	2007/08/22 07:29
S55	27	(CELP\$4 or (cod\$4 near excit\$4 near linear \$4 near predict\$5)) same synthe\$9 and (voic\$5 speech\$4) near3 index\$4 and synthe\$7 and (speech \$4 voic\$4) near3 signal \$4 and (speech\$4 voic \$4) near3 fram\$6 and (weigh\$6 and high \$5pass\$5) near3 filter \$4	US-PGPUB; USPAT	OR	OFF	2007/08/22 07:29
S56	19	(spectr\$4 cepstr\$4) near3 tilt\$4 and Sinc\$4 near3 window\$4 and adaptiv\$4	US-PGPUB; USPAT	OR	OFF	2007/08/22 07:31
S57	3	(spectr\$4 cepstr\$4) near3 tilt\$4 and Sinc\$4 near3 window\$4 and adaptiv\$4 near3 high \$4pass\$4	US-PGPUB; USPAT	OR	OFF	2007/08/22 07:32

S58	3	(spectr\$4 cepstr\$4) near3 tilt\$4 and Sinc\$4 near3 window\$4 and adaptiv\$4 near3 high \$4pass\$4 and perceptual\$4	US-PGPUB; USPAT	OR	OFF	2007/08/22 07:33
S59	3	(spectr\$4 cepstr\$4) near3 tilt\$4 and Sinc\$4 near3 window\$4 and adaptiv\$4 near3 high \$4pass\$4 and perceptual\$4 near3 weigh\$4	US-PGPUB; USPAT	OR	OFF	2007/08/22 07:40
S60	3	(spectr\$4 cepstr\$4) near3 tilt\$4 and Sinc\$4 near3 window\$4 and adaptiv\$4 near3 high \$4pass\$4 and perceptual\$4 near3 weigh\$4 and periodicity \$4	US-PGPUB; USPAT	OR	OFF	2007/08/22 07:40
S61	3	(spectr\$4 cepstr\$4) near3 tilt\$4 and Sinc\$4 near3 window\$4 and adaptiv\$4 near3 high \$4pass\$4 and perceptual\$4 near3 weigh\$4 and periodicity \$4 and fix\$5 near3 code \$4book\$4	US-PGPUB; USPAT	OR	OFF	2007/08/22 07:40
S62	0	(spectr\$4 cepstr\$4) near3 tilt\$4 and Sinc\$4 near3 window\$4 and adaptiv\$4 near3 high \$4pass\$4 and perceptual\$4 near3 weigh\$4 and periodicity \$4 and fix\$5 near3 code \$4book\$4 and shot \$4term\$4	US-PGPUB; USPAT	OR	OFF	2007/08/22 07:40
S63	3	(spectr\$4 cepstr\$4) near3 tilt\$4 and Sinc\$4 near3 window\$4 and adaptiv\$4 near3 high \$4pass\$4 and perceptual\$4 near3 weigh\$4 and periodicity \$4 and fix\$5 near3 code \$4book\$4 and short \$4term\$4	US-PGPUB; USPAT	OR	OFF	2007/08/22 07:41

S64	3	(spectr\$4 cepstr\$4) near3 tilt\$4 and Sinc\$4 near3 window\$4 and adaptiv\$4 near3 high \$4pass\$4 and perceptual\$4 near3 weigh\$4 and periodicity \$4 and fix\$5 near3 code \$4book\$4 and short \$4term\$4 and linear\$4 near predict\$7	US-PGPUB; USPAT	OR	OFF	2007/08/22 07:41
S65	3	(spectr\$4 cepstr\$4) near3 tilt\$4 and Sinc\$4 near3 window\$4 and adaptiv\$4 near3 high \$4pass\$4 and perceptual\$4 near3 weigh\$4 and periodicity \$4 and fix\$5 near3 code \$4book\$4 and short \$4term\$4 and linear\$4 near predict\$7 and pitch\$4	US-PGPUB; USPAT	OR	OFF	2007/08/22 07:41
S66	3	(spectr\$4 cepstr\$4) near3 tilt\$4 and Sinc\$4 near3 window\$4 and adaptiv\$4 near3 high \$4pass\$4 and perceptual\$4 near3 weigh\$4 and periodicity \$4 and fix\$5 near3 code \$4book\$4 and short \$4term\$4 and linear\$4 near predict\$7 and pitch\$4 near3 enhanc \$7	US-PGPUB; USPAT	OR	OFF	2007/08/22 07:41
S67	1	(spectr\$4 cepstr\$4) near3 tilt\$4 and Sinc\$4 near3 window\$4 and adaptiv\$4 near3 high \$4pass\$4 and perceptual\$4 near3 weigh\$4 and periodicity \$4 and fix\$5 near3 code \$4book\$4 and short \$4term\$4 and linear\$4 near predict\$7 and pitch\$4 near3 enhanc \$7 and post\$4pitch\$4	US-PGPUB; USPAT	OR	OFF	2007/08/22 07:42

S68	1	(spectr\$4 cepstr\$4) near3 tilt\$4 and Sinc\$4 near3 window\$4 and adaptiv\$4 near3 high \$4pass\$4 and perceptual\$4 near3 weigh\$4 and periodicity \$4 and fix\$5 near3 code \$4book\$4 and short \$4term\$4 and linear\$4 near predict\$7 and pitch\$4 near3 enhanc \$7 and post\$4pitch\$4 and bit\$4	US-PGPUB; USPAT	OR	OFF	2007/08/22 07:43
S69	3	(spectr\$4 cepstr\$4) near3 tilt\$4 and Sinc\$4 near3 window\$4 and adaptiv\$4 near3 high \$4pass\$4 and perceptual\$4 near3 weigh\$4 and periodicity \$4 and fix\$5 near3 code \$4book\$4 and short \$4term\$4 and linear\$4 near predict\$7 and pitch\$4 near3 enhanc \$7 and bit\$4	US-PGPUB; USPAT	OR	OFF	2007/08/22 07:43
S70	3	(spectr\$4 cepstr\$4) near3 tilt\$4 and Sinc\$4 near3 window\$4 and adaptiv\$4 near3 high \$4pass\$4 and perceptual\$4 near3 weigh\$4 and periodicity \$4 and fix\$5 near3 code \$4book\$4 and short \$4term\$4 and linear\$4 near predict\$7 and pitch\$4 near3 enhanc \$7 and bit\$4 and nois \$4	US-PGPUB; USPAT	OR	OFF	2007/08/22 08:29

S71	1	(spectr\$4 cepstr\$4) near3 tilt\$4 and Sinc\$4 near3 window\$4 and adaptiv\$4 near3 high \$4pass\$4 and perceptual\$4 near3 weigh\$4 and periodicity \$4 and fix\$5 near3 code \$4book\$4 and short \$4term\$4 and linear\$4 near predict\$7 and pitch\$4 near3 enhanc \$7 and bit\$4 and nois \$4 with speech\$4	US-PGPUB; USPAT	OR	OFF	2007/08/22 07:43
S72	0	"5664055".pn. and sub \$4code\$4book\$4	US-PGPUB; USPAT	OR	OFF	2007/08/22 08:30
S73	1	"5664055".pn.	US-PGPUB; USPAT	OR	OFF	2007/08/22 08:30
S74	1	"5664055".pn. and class \$8 with fram\$5	US-PGPUB; USPAT	OR	OFF	2007/08/22 08:31
S75	0	"5664055".pn. and class \$8 with fram\$5 same bit\$4	US-PGPUB; USPAT	OR	OFF	2007/08/22 08:30
S76	1	"5664055".pn. and bit \$4 same fram\$4	US-PGPUB; USPAT	OR	OFF	2007/08/22 08:32
S77	1	"5664055".pn. and class \$8 with period\$8	US-PGPUB; USPAT	OR	OFF	2007/08/22 08:34
S78	0	"5664055".pn. and (low \$4 and high\$4) with period\$7	US-PGPUB; USPAT	OR	OFF	2007/08/22 08:34
S79	1	"5664055".pn. and speech\$4 with encoder \$4	US-PGPUB; USPAT	OR	OFF	2007/08/22 08:36
S80	1	"5664055".pn. and index\$4	US-PGPUB; USPAT	OR	OFF	2007/08/22 08:36
S81	1	"5664055".pn. and index\$4 with (speech \$4 voic\$4)\	US-PGPUB; USPAT	OR	OFF	2007/08/22 08:37
S82	1	"5664055".pn. and index\$4 with (speech \$4 voic\$4)	US-PGPUB; USPAT	OR	OFF	2007/08/22 08:38
S83	102	sub\$4cod\$6book\$4	US-PGPUB; USPAT	OR	OFF	2007/08/22 08:38
S84	76	sub\$4cod\$6books	US-PGPUB; USPAT	OR	OFF	2007/08/22 08:38

S85	1	sub\$4cod\$6books same (speech\$4 voic \$4) near index\$4	US-PGPUB; USPAT	OR	OFF	2007/08/22 08:39
S86	1	sub\$4cod\$6books and (speech\$4 voic\$4) near index\$4	US-PGPUB; USPAT	OR	OFF	2007/08/22 08:39
S87	22	sub\$4cod\$6books and (speech\$4 voic\$4) with index\$4	US-PGPUB; USPAT	OR	OFF	2007/08/22 10:08
S88	18	sub\$4cod\$6books and (speech\$4 voic\$4) with index\$4 and period\$8	US-PGPUB; USPAT	OR	OFF	2007/08/22 08:40
S89	62660	high\$4 with low\$4 with period\$4	US-PGPUB; USPAT	OR	OFF	2007/08/22 08:42
S90	65553	high\$4 with low\$4 with period\$7	US-PGPUB; USPAT	OR	OFF	2007/08/22 08:42
S91	2	high\$4 with low\$4 with period\$7 same (speech \$4 voic\$4) with index \$5	US-PGPUB; USPAT	OR	OFF	2007/08/22 08:43
S92	6417	low\$4 near3 periodic\$4	US-PGPUB; USPAT	OR	OFF	2007/08/22 08:43
S93	800	low\$4 near3 periodic\$4 same high\$4 near3 periodic\$4	US-PGPUB; USPAT	OR	OFF	2007/08/22 08:43
S94	44	low\$4 near3 periodic\$4 same high\$4 near3 periodic\$4 same index \$4	US-PGPUB; USPAT	OR	OFF	2007/08/22 08:43
S95	3401	sub\$4cod\$6books same select\$8and (speech\$4 voic\$4) with index\$4	US-PGPUB; USPAT	OR	OFF	2007/08/22 10:08
S96	13	sub\$4cod\$6books same select\$8 and (speech\$4 voic\$4) with index\$4	US-PGPUB; USPAT	OR	OFF	2007/08/22 10:11
S97	36	select\$4 with sub\$4cod \$6books	US-PGPUB; USPAT	OR	OFF	2007/08/22 10:18
S98	400	rang\$6 with (low\$4 and high\$4) with periodic\$7	US-PGPUB; USPAT	OR	OFF	2007/08/22 10:19
S99	3	rang\$6 with (low\$4 and high\$4) with periodic\$7 and (speech \$4 voic\$4) with index \$4	US-PGPUB; USPAT	OR	OFF	2007/08/22 10:22

S100	98	rang\$6 with (low\$4 and high\$4) with periodic\$7 and index\$4	US-PGPUB; USPAT	OR	OFF	2007/08/22 10:22
S101	24	rang\$6 with (low\$4 and high\$4) with periodic\$7 same index \$4	US-PGPUB; USPAT	OR	OFF	2007/08/22 10:23

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